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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/011,545	12/05/2001	Robert Stenzel	MATP-606US	4224
23122	7590	07/22/2005	EXAMINER	
RATNERPRESTIA P O BOX 980 VALLEY FORGE, PA 19482-0980			VO, TUNG T	
			ART UNIT	PAPER NUMBER
			2613	
DATE MAILED: 07/22/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/011,545	<b>Applicant(s)</b> STENZEL, ROBERT	
	<b>Examiner</b> Tung Vo	<b>Art Unit</b> 2613	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2 and 7 is/are allowed.
- 6) ☐ Claim(s) 1,3,4,6,8 and 10 is/are rejected.
- 7) ☒ Claim(s) 5 and 9 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

25

## DETAILED ACTION

### *Continued Examination Under 37 CFR 1.114*

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 06/28/2005 has been entered.

### *Claim Objections*

2. Claim 9 is objected to because of the following informalities: Claim 9, lines 2 and 5 “the means” should be changed to “means”. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1, 3-4, 6, 8, and 10 are rejected under 35 U.S.C. 102(e) as being anticipated by Zhou (US 6,353,700).

Re claims 1, 3-4, 6, 8, and 10, Zhou discloses a computer-readable carrier (fig. 2) includes computer program (200, 212, 214, and 218 of fig. 1) that cause a computer (200) to perform a method of displaying an MPEG coded compressed video signal in a reverse time sequence, wherein the computer comprises:

the step of retrieving a first group of pictures (GOP) (MPEG VIDEO FILE, 602 of fig. 6) upon initiation of reverse play command (col. 2, lines 39-50), the retrieved first (GOP) being the GOP displayed immediately preceding the command on a display (4110, 120 of fig. 5) a video decoder (502 of fig. 5) which decodes intra-coded frames (I-frames) (604 of fig. 6) and predictively coded frames (P-frames) (608 of fig. 6) from a first group of pictures (GOP) upon initiation of a reverse play command (602 of fig. 6), a memory (508, 510, and 512 of fig. 5) into which the video decoder stores the decoded I-frames and P-frames of the first GOP;

means (110, 120 of fig. 5) for displaying a frame stored in memory while the I-frames and P-frames of the first GOP are decoded;

and a controller (506 of fig. 5) that controls the video decoder, the memory and the means for displaying such that, after the decoded I-frames and P-frames of the first GOP have been stored, the controller: a) controls the video decoder to decode bi-directionally- predictive encoded frames (B- frames) using the stored key frames (620 of fig. 6) and controls the means for displaying to display the B-frames (622 of fig. 6) as they are decoded; b) controls the means for displaying to display the I-frames and P-frames from the memory as they are encountered in the reverse time sequence (col. 2, lines 43-44, and col. 7, lines 30-36)) and c) controls the decoder and the memory to decode and store I-frames and P-frames from a second GOP (the process of decoding I and P frames is repeated for the next GOP), following the first GOP in the reverse time sequence, while respective ones of the I-frames and P-frames of the first GOP are displayed (see fig. 4, displayed video).

Moreover, Zhou teaches the claimed limitations above and the processing of decoding first and second GOPs, exclusive of I and P frames from any other GOP (fig. 4; see also col. 8, lines 33-44, wherein the last GOP is to be decoded for display first, this means each GOP is completely decompressed so the I, P, and B in each GOP is also decompressed before display), and wherein display of frames from the first GOP begins prior to the decoding of any frames from the second GOP (fig. 4, e.g. it comes to display the decompressed I and P frames buffered in the frame storage, an I frame or a P frame in a group of picture (GOP) prior to current GOP is decompressed and buffered into one of the frame storage that becomes available when the content therein has been retrieved for display; see also ABSTRACT).

Art Unit: 2613

***Allowable Subject Matter***

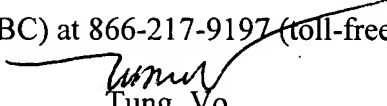
5. Claims 2 and 7 are allowed.
6. Claims 5 and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung Vo whose telephone number is 571-272-7340. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on 571-272-7418. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Tung Vo  
Primary Examiner  
Art Unit 2613